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**Part Number:** [0010181049](#)  
**Status:** **Active**  
**Overview:** Standard .093" Pin and Socket Connectors  
**Description:** 2.36mm Diameter Standard .093" Pin and Socket Header, Shrouded, 4 Circuits, 2 Female Terminals, 1 Male Terminal, 1 Female Terminal, 1 Male Terminal, 1 Female Terminal

**Documents:**

[3D Model](#) [Packaging Specification PK-3099-002-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

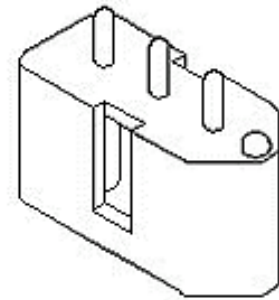
Product Family PCB Headers  
 Series 3099  
 Application Power, Wire-to-Board  
 Comments Solder Type|Round Pin  
 Overview [Standard .093" Pin and Socket Connectors](#)  
 Product Name Standard .093"  
 UPC 800754985284

**Physical**

Breakaway No  
 Circuits (Loaded) 4  
 Circuits (maximum) 4  
 Color - Resin Black  
 Durability (mating cycles max) 25  
 Flammability 94V-2  
 Glow-Wire Compliant No  
 Lock to Mating Part Yes  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Polyester  
 Net Weight 1.641/g  
 Number of Rows 1  
 Orientation Vertical  
 PC Tail Length 4.32mm  
 PCB Locator Yes  
 PCB Retention None  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Bag  
 Pitch - Mating Interface 5.03mm  
 Plating min - Mating 1.270µm  
 Plating min - Termination 1.270µm  
 Polarized to PCB Yes  
 Shrouded Fully  
 Stackable No  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -40°C to +105°C  
 Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 5.0A



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/01/2017 (12  
 January 2017)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[3099 Series](#)

**Mates With**

[03-09-1041](#) , [03-09-1042](#)

Voltage - Maximum

250V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

PK-3099-002-001

Sales Drawing

SDA-3099-\*4\*\*

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